



Bruhath Bangalore Mahanagara Palike
Assistant Executive Engineer Office
Shettyhalli SubDivision
BBMP, Bangalore

EXCEL MB

Name of Work:- Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

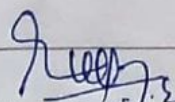
Job Code No:- 013-20-000129.

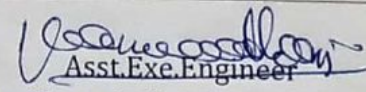
Est.Cost:- 45.00 Lakhs, P-Code:-P-1771.

A/A No:- EE/DD/AS/13/2020-21, Dt:- 22-04-2020.

T/S No:- SE/DZ/TS/33/2020-21, Dt:- 06-05-2020.

Agency Name:- Sri. M. D. Gnanendra Murthy.


Assistant Engineer
Ward No.013.
BBMP, Bangalore


Asst.Exe.Engineer
ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಕಛೇರಿ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಸಬ್ ಡಿವಿಷನ್
BBMP, Bangalore
ಶಿಬಿರ ಕಛೇರಿ, ಬೆಂಗಳೂರು

BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

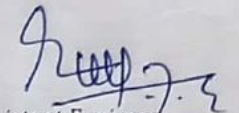
Pre-Measurements

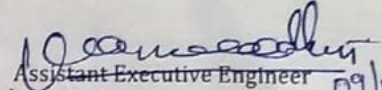
Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202									
Measurement Recorded On:-										
	Cut Portion									
	Kalyananagara									
	5th Cross Road,									
		0.00	30.00		2	30.00	1.20	1.20	1.20	10.80
		30.00	60.00		2	30.00	1.20	1.20	1.20	10.80
		60.00	80.00		2	20.00	1.20	1.20	1.20	7.20
	4th Cross Road, 1st Main Road to 2nd Main Road									
		0.00	30.00		2	30.00	1.20	1.20	1.20	10.80
		30.00	60.00		2	30.00	1.20	1.20	1.20	10.80
		60.00	82.00		2	22.00	1.20	1.50	1.35	8.91
	From 9th Cross to 11th Cross (Maheshwarinagara)									
		0.00	14.50		2	14.50	1.50	1.50	1.50	8.53
		14.50	24.50		2	10.00	1.50	1.50	1.50	4.50
		24.50	45.00		2	20.50	1.50	1.50	1.50	9.23
		45.00	62.00		2	17.00	1.50	1.50	1.50	7.65
				Cum	Total Executed Qty					87.21
				Cum	Qty to be Paid					87.21


Assistant Engineer
Ward No.013
BBMP, Bangalore
09/10/2021


Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂತರರು
BBMP, Bangalore
ಶಿಬಿರಕ್ಕೆ ಸಂಪರ್ಕಿಸಿ
ಜಿಲ್ಲಾ ಮಂತ್ರಿ, ಬೆಂಗಳೂರು
09/10/2021

BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Pre-Measurements

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

Agency name:- Sri. M. D. Gnanendra Murthy.										
Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
2	SRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3									
Measurement Recorded On:-										
For Asphalt Roads Cut Portion										
Kalyananagara										
12th Cross Road, Bhagyalaxmi Temple Road,										
		0.00	30.00	2	30.00	1.20	1.20	1.20		72.00
		30.00	60.00	2	30.00	1.20	1.20	1.20		72.00
		60.00	90.00	2	30.00	1.20	1.20	1.20		72.00
		90.00	120.00	2	30.00	1.20	1.20	1.20		72.00
		120.00	150.00	2	30.00	1.20	1.20	1.20		72.00
		150.00	180.00	2	30.00	1.20	1.20	1.20		72.00
		180.00	210.00	2	30.00	1.20	1.20	1.20		72.00
		210.00	240.00	2	30.00	1.20	1.20	1.20		72.00
		240.00	245.50	2	5.50	1.20	1.20	1.20		13.20
	Near 2nd Cross, Kalyananagara			1	4.80	1.20	1.20	1.20		5.76
Shivananda Store Road.										
		0.00	30.00	1	30.00	1.20	1.20	1.20		36.00
		30.00	60.00	1	30.00	1.20	1.20	1.20		36.00
		60.00	90.00	1	30.00	1.20	1.20	1.20		36.00
		90.00	120.00	1	30.00	1.20	1.20	1.20		36.00
		120.00	150.00	1	30.00	1.20	1.20	1.20		36.00
		150.00	180.00	1	30.00	1.20	1.20	1.20		36.00
		180.00	198.00	1	18.00	1.20	1.20	1.20		21.60
2nd Cross Road, BHEI Mini Colony.										
		0.00	30.00	1	30.00	1.20	1.20	1.20		36.00
		30.00	60.00	1	30.00	1.20	1.20	1.20		36.00
		60.00	90.00	1	30.00	1.20	1.20	1.20		36.00
		90.00	95.50	1	5.50	1.20	1.20	1.20		6.60
2nd Cross Road, BHEI Mini Colony.										
		0.00	30.00	1	30.00	1.20	1.20	1.20		36.00
		30.00	60.00	1	30.00	1.20	1.20	1.20		36.00
		60.00	90.00	1	30.00	1.20	1.20	1.20		36.00
		90.00	101.00	1	11.00	1.20	1.20	1.20		13.20
				Sqm	Total Executed Qty					1068.36
				Sqm	Qty to be Paid					1065.60

Assistant Engineer
Ward No.013

10/10/2021

Shettyhalli SubDivision

BRUHAT BENGALURU MAHANAGARA PALIKE

Line Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Pre-Measurements

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Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	

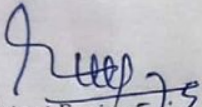
3 KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3

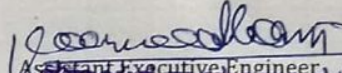
Measurement Recorded On:-

For CC Roads										
Kalyananagara										
5th Cross Road,										
	0.00	30.00		2	30.00	1.20	1.20	1.20	0.30	21.60
	30.00	60.00		2	30.00	1.20	1.20	1.20	0.30	21.60
	60.00	80.00		2	20.00	1.20	1.20	1.20	0.30	14.40
4th Cross Road, 1st Main Road to 2nd Main Road										
	0.00	30.00		2	30.00	1.20	1.20	1.20	0.30	21.60
	30.00	60.00		2	30.00	1.20	1.20	1.20	0.30	21.60
	60.00	82.00		2	22.00	1.20	1.20	1.20	0.30	15.84
From 9th Cross to 11th Cross (Maheshwarinagara)										
	0.00	14.50		2	14.50	1.50	1.50	1.50	0.30	13.05
	14.50	24.50		2	10.00	1.50	1.50	1.50	0.30	9.00
	24.50	45.00		2	20.50	1.50	1.50	1.50	0.30	18.45
	45.00	62.00		2	17.00	1.50	1.50	1.50	0.30	15.30
For Asphalt Roads Cut Portion										
Kalyananagara										
12th Cross Road, Bhagyalaxmi Temple Road,										
	0.00	30.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	30.00	60.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	60.00	90.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	90.00	120.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	120.00	150.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	150.00	180.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	180.00	210.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	210.00	240.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	240.00	245.50		2	5.50	1.20	1.20	1.20	0.25	3.30
Shivananda Store Road.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	90.00	120.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	120.00	150.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	150.00	180.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	180.00	198.00		1	18.00	1.20	1.20	1.20	0.25	5.40

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಶಿಕ್ಷಣ ಮತ್ತು ಸಂಸ್ಕರಣೆ
18.09.2020

Description of Work	Chainage		Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
2nd Cross Road, BHEL Mini Colony.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	90.00	95.50		1	5.50	1.20	1.20	1.20	0.25	1.65
3rd Cross Road, BHEL Mini Colony.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	90.00	101.00		1	11.00	1.20	1.20	1.20	0.25	3.30
			Cum	Total Executed Qty						438.09
			Cum	Qty to be Paid						438.09


 Assistant Engineer
 Ward No.013
 BBMP, Bangalore
 15/10/2021


 Assistant Executive Engineer
 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
 Shettyhalli Subdivision
 ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
 BBMP, Bangalore
 ಜಿಜಿಎಂಸಿ, ಬೆಂಗಳೂರು

BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Pre-Measurements

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

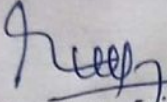
Agency name:- Sri. M. D. Gnanendra Murthy.

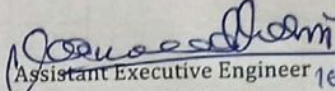
Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
4	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3									
Measurement Recorded On:-										
	CC Roads									
	Kalyananagara									
	5th Cross Road,									
		0.00	30.00		2	30.00	1.20	1.20	1.20	72.00
		30.00	60.00		2	30.00	1.20	1.20	1.20	72.00
		60.00	80.00		2	20.00	1.20	1.20	1.20	48.00
	4th Cross Road, 1st Main Road to 2nd Main Road									
		0.00	30.00		2	30.00	1.20	1.20	1.20	72.00
		30.00	60.00		2	30.00	1.20	1.20	1.20	72.00
		60.00	82.00		2	22.00	1.20	1.50	1.35	59.40
	From 9th Cross to 11th Cross (Maheshwarinagara)									
		0.00	14.50		2	14.50	1.50	1.50	1.50	43.50
		14.50	24.50		2	10.00	1.50	1.50	1.50	30.00
		24.50	45.00		2	20.50	1.50	1.50	1.50	61.50
		45.00	62.00		2	17.00	1.50	1.50	1.50	51.00
	For Asphalt Roads Cut Portion									
	Kalyananagara									
	12th Cross Road, Bhagyalaxmi Temple Road,									
		0.00	30.00		2	30.00	1.20	1.20	1.20	
		30.00	60.00		2	30.00	1.20	1.20	1.20	72.00
		60.00	90.00		2	30.00	1.20	1.20	1.20	72.00
		90.00	120.00		2	30.00	1.20	1.20	1.20	72.00
		120.00	150.00		2	30.00	1.20	1.20	1.20	72.00
		150.00	180.00		2	30.00	1.20	1.20	1.20	72.00
		180.00	210.00		2	30.00	1.20	1.20	1.20	72.00
		210.00	240.00		2	30.00	1.20	1.20	1.20	72.00
		240.00	245.50		2	5.50	1.20	1.20	1.20	13.20
	Shivananda Store Road.									
		0.00	30.00		1	30.00	1.20	1.20	1.20	36.00
		30.00	60.00		1	30.00	1.20	1.20	1.20	36.00
		60.00	90.00		1	30.00	1.20	1.20	1.20	36.00
		90.00	120.00		1	30.00	1.20	1.20	1.20	36.00
		120.00	150.00		1	30.00	1.20	1.20	1.20	36.00
		150.00	180.00		1	30.00	1.20	1.20	1.20	36.00
		180.00	198.00		1	18.00	1.20	1.20	1.20	21.60

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಕಚೇರಿ
ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲಾ ಪಂಚಾಯತ್
ಬಿಜ್ಜನಾಪುರ, ಶಿವಮೊಗ್ಗ

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಶಿಬಿರಕ್ಕೆ ಸಂಬಂಧಿಸಿದ
ಜವಾಬ್ದಾರಿ. ಶಿಬಿರಕ್ಕೆ ಸಂಬಂಧಿಸಿದ

Sl.No	Description of Work	Chainage		Unit	No	Dimension					Quantity
						L	B1	B2	Avg B =(B1+B2)/ 2	D	
2nd Cross Road, BHEI Mini Colony.											
		0.00	30.00		1	30.00	1.20	1.20	1.20		36.00
		30.00	60.00		1	30.00	1.20	1.20	1.20		36.00
		60.00	90.00		1	30.00	1.20	1.20	1.20		36.00
		90.00	95.50		1	5.50	1.20	1.20	1.20		6.60
3rd Cross Road, BHEI Mini Colony.											
		0.00	30.00		1	30.00	1.20	1.20	1.20		36.00
		30.00	60.00		1	30.00	1.20	1.20	1.20		36.00
		60.00	90.00		1	30.00	1.20	1.20	1.20		36.00
		90.00	101.00		1	11.00	1.20	1.20	1.20		13.20
				Sqm	Total Executed Qty						1644.00
				Sqm	Qty to be Paid						1644.00


 Assistant Engineer
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Pre-Measurements

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Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

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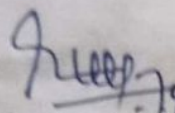
Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
5	KSRRB M400-17. Providing, laying, spreading and compacting cushioned stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406									

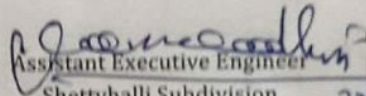
Measurement Recorded On:-

CC Roads										
Kalyananagara										
5th Cross Road,										
	0.00	30.00		2	30.00	1.20	1.20	1.20	0.15	10.80
	30.00	60.00		2	30.00	1.20	1.20	1.20	0.15	10.80
	60.00	80.00		2	20.00	1.20	1.20	1.20	0.15	7.20
4th Cross Road, 1st Main Road to 2nd Main Road										
	0.00	30.00		2	30.00	1.20	1.20	1.20	0.15	10.80
	30.00	60.00		2	30.00	1.20	1.20	1.20	0.15	10.80
	60.00	82.00		2	22.00	1.20	1.50	1.35	0.15	8.91
From 9th Cross to 11th Cross (Maheshwarinagara)										
	0.00	14.50		2	14.50	1.50	1.50	1.50	0.15	6.53
	14.50	24.50		2	10.00	1.50	1.50	1.50	0.15	4.50
	24.50	45.00		2	20.50	1.50	1.50	1.50	0.15	9.23
	45.00	62.00		2	17.00	1.50	1.50	1.50	0.15	7.65
Asphalt Roads										
Kalyananagara										
12th Cross Road, Bhagyalaxmi Temple Road,										
	0.00	30.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	30.00	60.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	60.00	90.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	90.00	120.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	120.00	150.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	150.00	180.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	180.00	210.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	210.00	240.00		2	30.00	1.20	1.20	1.20	0.25	18.00
	240.00	245.50		2	5.50	1.20	1.20	1.20	0.25	3.30
Shivananda Store Road.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	90.00	120.00		1	30.00	1.20	1.20	1.20	0.25	9.00

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂಶ
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ಜಿಲ್ಲಾ ಮಂತ್ರಿ, ಬೆಂಗಳೂರು

Description of Work	Chainage		Unit	No	Dimension					Quantity
					L	B1	B2	Avg B = (B1+B2)/2	D	
	120.00	150.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	150.00	180.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	180.00	198.00		1	18.00	1.20	1.20	1.20	0.25	5.40
2nd Cross Road, BHEI Mini Colony.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	90.00	95.50		1	5.50	1.20	1.20	1.20	0.25	1.38
3rd Cross Road, BHEI Mini Colony.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.25	9.00
	90.00	101.00		1	11.00	1.20	1.20	1.20	0.25	3.30
			Cum	Total Executed Qty						352.86
			Cum	Qty to be Paid						352.86


 20/10/2021
 Assistant Engineer
 Ward No.013
 BBMP, Bangalore


 Assistant Executive Engineer
 Shettyhalli Subdivision
 BBMP, Bangalore
 20/10/2021

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Work Order No: EE/DD/W.O/107/2020-21, Dated: 18-09-2020.

agency name:- Sri. M. D. Gnanendra Murthy.

20	0.15	10.80
20	0.15	10.80
35	0.15	
50	0.15	6.53

[Signature]
Assistant Executive Engineer
Shettyhalli Subdivision
BBMP, Bangalore

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

Measurement Recorded On:-

Assistant Engineer
Ward No.013
BBMP, Bangalore

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Pre-Measurements

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/2	D	
8	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.									
Measurement Recorded On:-										
	CC Roads									
	Kalyananagara									
	5th Cross Road.									
		0.00	30.00		1	30.00	3.40	4.40	3.90	117.00
		30.00	60.00		1	30.00	4.40	5.40	4.90	147.00
		60.00	80.00		1	20.00	5.40	5.30	5.35	107.00
	4th Cross Road, 1st Main Road to 2nd Main Road									
		0.00	30.00		1	30.00	6.00	5.70	5.85	175.50
		30.00	60.00		1	30.00	5.70	5.80	5.75	172.50
		60.00	82.00		1	22.00	5.80	6.20	6.00	132.00
	From 9th Cross to 11th Cross (Maheshwarinagara)									
		0.00	14.50		1	14.50	5.40	5.40	5.40	78.30
		14.50	24.50		1	10.00	4.40	4.40	4.40	44.00
		24.50	45.00		1	20.50	8.60	8.60	8.60	176.30
		45.00	62.00		1	17.00	4.80	5.20	5.00	85.00
	BBMP School back				2	5.20	2.50	2.20	2.35	24.44
	Cut Portion				6	15.00	0.90	0.90	0.90	81.00
					8	4.00	0.90	0.90	0.90	28.80
					5	4.20	3.20	3.20	3.20	67.20
				Cum	Total Executed Qty					1436.04
				Cum	Qty to be Paid					1436.04

[Signature]
Assistant Engineer
Ward No.013
BBMP, Bangalore

[Signature]
Assistant Executive Engineer
ಸಹಾಯಕ ಸಾರ್ವಜನಿಕ ಕಾರ್ಯದರ್ಶಿ
BBMP, Bangalore
ಕಟ್ಟಡ ಮತ್ತು ಸಂಪನ್ಮೂಲ ವಿಭಾಗ
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BRUHAT BENGALURU MAHANAGARA PALIKE

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.
 Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.
 Agency name:- Sri. M. D. Gnanendra Murthy.

Pre-Measurements

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
9	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision									
Measurement Recorded On:-										
Asphalt Roads										
Kalyananagara										
12th Cross Road, Bhagyalaxmi Temple Road,										
		0.00	30.00		2	30.00	1.20	1.20	1.20	72.00
		30.00	60.00		2	30.00	1.20	1.20	1.20	72.00
		60.00	90.00		2	30.00	1.20	1.20	1.20	72.00
		90.00	120.00		2	30.00	1.20	1.20	1.20	72.00
		120.00	150.00		2	30.00	1.20	1.20	1.20	72.00
		150.00	180.00		2	30.00	1.20	1.20	1.20	72.00
		180.00	210.00		2	30.00	1.20	1.20	1.20	72.00
		210.00	240.00		2	30.00	1.20	1.20	1.20	72.00
		240.00	245.50		2	5.50	1.20	1.20	1.20	13.20
Shivananda Store Road.										
		0.00	30.00		1	30.00	1.20	1.20	1.20	36.00
		30.00	60.00		1	30.00	1.20	1.20	1.20	36.00
		60.00	90.00		1	30.00	1.20	1.20	1.20	36.00
		90.00	120.00		1	30.00	1.20	1.20	1.20	36.00
		120.00	150.00		1	30.00	1.20	1.20	1.20	36.00
		150.00	180.00		1	30.00	1.20	1.20	1.20	36.00
		180.00	198.00		1	18.00	1.20	1.20	1.20	21.60
2nd Cross Road, BHEL Mini Colony.										
		0.00	30.00		1	30.00	1.20	1.20	1.20	36.00
		30.00	60.00		1	30.00	1.20	1.20	1.20	36.00
		60.00	90.00		1	30.00	1.20	1.20	1.20	36.00
		90.00	95.50		1	5.50	1.20	1.20	1.20	6.60
3rd Cross Road, BHEL Mini Colony.										
		0.00	30.00		1	30.00	1.20	1.20	1.20	36.00
		30.00	60.00		1	30.00	1.20	1.20	1.20	36.00
		60.00	90.00		1	30.00	1.20	1.20	1.20	36.00
		90.00	101.00		1	11.00	1.20	1.20	1.20	13.20
				Cum	Total Executed Qty					1062.60
				Cum	Qty to be Paid					1062.60

[Signature]
 Assistant Engineer
 Ward No.013
 BBMP, Bangalore

[Signature]
 Assistant Executive Engineer
 Shettyhalli Subdivision
 BBMP, Bangalore
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BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Pre-Measurements

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

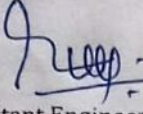
Agency name:- Sri. M. D. Gnanendra Murthy.

Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
10	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision. - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 4.5 % VG-30 Bitumen.									

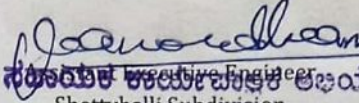
Measurement Recorded On:-

Asphalt Roads										
Kalyananagara										
12th Cross Road, Bhagyalaxmi Temple Road,										
	0.00	30.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	30.00	60.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	60.00	90.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	90.00	120.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	120.00	150.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	150.00	180.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	180.00	210.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	210.00	240.00		2	30.00	1.20	1.20	1.20	0.05	3.60
	240.00	245.50		2	5.50	1.20	1.20	1.20	0.05	0.66
Near 2nd Cross, Kalyananagara										
				1	4.80	1.20	1.20	1.20	0.05	0.29
Shivananda Store Road.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	90.00	120.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	120.00	150.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	150.00	180.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	180.00	198.00		1	18.00	1.20	1.20	1.20	0.05	1.08
2nd Cross Road, BHEL Mini Colony.										
	0.00	30.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	30.00	60.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	60.00	90.00		1	30.00	1.20	1.20	1.20	0.05	1.80
	90.00	95.50		1	5.50	1.20	1.20	1.20	0.05	0.33

S.No	Description of Work	Chainage		Unit	No	Dimension					Quantity
						L	B1	B2	Avg B =(B1+B2)/ 2	D	
	3rd Cross Road, BHEI Mini Colony.										
		0.00	30.00		1	30.00	1.20	1.20	1.20	0.05	1.80
		30.00	60.00		1	30.00	1.20	1.20	1.20	0.05	1.80
		60.00	90.00		1	30.00	1.20	1.20	1.20	0.05	1.80
		90.00	101.00		1	11.00	1.20	1.20	1.20	0.05	0.66
				Cum		Total Executed Qty					53.42
				Cum		Qty to be Paid					51.34


 Assistant Engineer
 Ward No.013
 BBMP, Bangalore

23/11/2021


 Executive Engineer
 Shettyhalli Subdivision
 BBMP, Bangalore
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BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Pre-Measurements

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Est. Code:- 013-20-000129, Est. Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

SL No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
11	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision.									
Measurement Recorded On:-										
Asphalt Roads										
Kalyananagara										
12th Cross Road, Bhagyalaxmi Temple Road,										
		0.00	30.00		1	30.00	5.50	4.80	5.15	154.50
		30.00	60.00		1	30.00	4.80	4.20	4.50	135.00
		60.00	90.00		1	30.00	4.20	3.30	3.75	112.50
		90.00	120.00		1	30.00	3.30	3.60	3.45	103.50
		120.00	150.00		1	30.00	3.60	3.80	3.70	111.00
		150.00	180.00		1	30.00	3.80	3.80	3.80	114.00
		180.00	210.00		1	30.00	3.80	3.90	3.85	115.50
		210.00	240.00		1	30.00	3.90	3.60	3.75	112.50
		240.00	245.50		1	5.50	3.60	3.20	3.40	18.70
	Near 2nd Cross, Kalyananagara				1	4.80	1.20	1.20	1.20	5.76
Shivananda Store Road.										
		0.00	30.00		1	30.00	4.80	4.90	4.85	145.50
		30.00	60.00		1	30.00	4.90	5.00	4.95	148.50
		60.00	90.00		1	30.00	5.00	5.00	5.00	150.00
		90.00	120.00		1	30.00	5.00	4.70	4.85	145.50
		120.00	150.00		1	30.00	4.70	5.60	5.15	154.50
		150.00	180.00		1	30.00	5.60	5.40	5.50	165.00
		180.00	198.00		1	18.00	5.40	5.70	5.55	99.90
				Sqm	Total Executed Qty					1991.86
				Sqm	Qty to be Paid					1983.22

Assistant Engineer
Ward No.013
BBMP, Bangalore

Assistant Executive Engineer

BBMP, Bangalore

BRUHAT BENGALURU MAHANAGARA PALIKE

Name Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Pre-Measurements

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Job Code:- 013-20-000129, Est.Cost:- 45.00 Lakhs.

Agency name:- Sri. M. D. Gnanendra Murthy.

Agency name:- Sri. M. D. Gnanendra Murthy.										
Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
12	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision									
Measurement Recorded On:-										
	Asphalt Roads									
	Kalyananagara									
	12th Cross Road, Bhagyalaxmi Temple Road,									
		0.00	30.00		1	30.00	5.50	4.80	5.15	154.50
		30.00	60.00		1	30.00	4.80	4.20	4.50	135.00
		60.00	90.00		1	30.00	4.20	3.30	3.75	112.50
		90.00	120.00		1	30.00	3.30	3.60	3.45	103.50
		120.00	150.00		1	30.00	3.60	3.80	3.70	111.00
		150.00	180.00		1	30.00	3.80	3.80	3.80	114.00
		180.00	210.00		1	30.00	3.80	3.90	3.85	115.50
		210.00	240.00		1	30.00	3.90	3.60	3.75	112.50
		240.00	245.50		1	5.50	3.60	3.20	3.40	18.70
	Near 2nd Cross, Kalyananagara				1	4.80	1.20	1.20	1.20	5.76
	Shivananda Store Road.									
		0.00	30.00		1	30.00	4.80	4.90	4.85	145.50
		30.00	60.00		1	30.00	4.90	5.00	4.95	148.50
		60.00	90.00		1	30.00	5.00	5.00	5.00	150.00
		90.00	120.00		1	30.00	5.00	4.70	4.85	145.50
		120.00	150.00		1	30.00	4.70	5.60	5.15	154.50
		150.00	180.00		1	30.00	5.60	5.40	5.50	165.00
		180.00	198.00		1	18.00	5.40	5.70	5.55	99.90
				Sqm	Total Executed Qty					1991.86
				Sqm	Qty to be Paid					1983.22

Assistant Engineer
Ward No.013
BBMP, Bangalore

24/11/2021

Assistant Executive Engineer
BBMP, Bangalore
ಜಿಲ್ಲಾಕಟ್ಟೆ ರಸ್ತೆ ವಿಭಾಗ
ಜಿಲ್ಲಾಕಟ್ಟೆ, ಬೆಂಗಳೂರು

BRUHAT BENGALURU MAHANAGARA PALIKE

Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Measurements

Order No: EE/DD/W.O/107/2020-21, Dated: 18-09-2020.

Code: 013-20-000129, Est.Cost: 45.00 Lakhs.

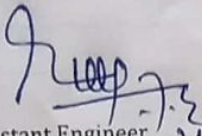
Agency name: Sri. M. D. Gnanendra Murthy.

Sl.No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/2	D	
13	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. - do - using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic).									

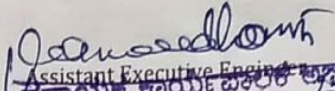
Measurement Recorded On:-

Asphalt Roads										
Kalyananagara										
12th Cross Road, Bhagyalaxmi Temple Road,										
		0.00	30.00	1	30.00	5.50	4.80	5.15	0.03	4.64
		30.00	60.00	1	30.00	4.80	4.20	4.50	0.03	4.05
		60.00	90.00	1	30.00	4.20	3.30	3.75	0.03	3.38
		90.00	120.00	1	30.00	3.30	3.60	3.45	0.03	3.11
		120.00	150.00	1	30.00	3.60	3.80	3.70	0.03	3.33
		150.00	180.00	1	30.00	3.80	3.80	3.80	0.03	3.42
		180.00	210.00	1	30.00	3.80	3.90	3.85	0.03	3.47
		210.00	240.00	1	30.00	3.90	3.60	3.75	0.03	3.38
		240.00	245.50	1	5.50	3.60	3.20	3.40	0.03	0.56
	Near 2nd Cross, Kalyananagara			1	4.80	1.20	1.20	1.20	0.03	0.17
Shivananda Store Road.										
		0.00	30.00	1	30.00	4.80	4.90	4.85	0.035	5.09
		30.00	60.00	1	30.00	4.90	5.00	4.95	0.035	5.20
		60.00	90.00	1	30.00	5.00	5.00	5.00	0.035	5.25
		90.00	120.00	1	30.00	5.00	4.70	4.85	0.035	5.09
		120.00	150.00	1	30.00	4.70	5.60	5.15	0.035	5.41
		150.00	180.00	1	30.00	5.60	5.40	5.50	0.035	5.78
		180.00	198.00	1	18.00	5.40	5.60	5.50	0.035	3.47
2nd Cross Road, BHEI Mini Colony.										
		0.00	30.00	1	30.00	4.70	4.30	4.50	0.03	4.05
		30.00	60.00	1	30.00	4.30	3.50	3.90	0.03	3.51
		60.00	90.00	1	30.00	3.50	3.60	3.55	0.03	3.20
		90.00	95.50	1	5.50	3.60	3.90	3.75	0.03	0.62

Description of Work	Chainage		Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	
3rd Cross Road, BHEL Mini Colony.										
	0.00	30.00		1	30.00	4.00	3.30	3.65	0.03	3.29
	30.00	60.00		1	30.00	3.30	3.70	3.50	0.03	3.15
	60.00	90.00		1	30.00	3.70	3.80	3.75	0.03	3.38
	90.00	101.00		1	11.00	3.80	4.20	4.00	0.03	1.32
			Cum	Total Executed Qty						87.27
			Cum	Qty to be Paid						86.02


 Assistant Engineer
 Ward No.013
 BBMP, Bangalore

24/11/2012


 Assistant Executive Engineer
 Shettyhalli Subdivision
 BBMP, Bangalore
 ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
 ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
 ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

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 ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

BRUHAT BENGALURU MAHANAGARA PALIKE

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.
Code:- 013-20-000129, **Est.Cost:-** 45.00 Lakhs.
Agency name:- Sri. M. D. Gnanendra Murthy.

Pre-Measurements

No	Description of Work	Chainage	Unit	No	Dimension					Quantity
					L	B1	B2	Avg B =(B1+B2)/ 2	D	

KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates/Sand/Kanker / Moorum.KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1

Measurement Recorded On:-

Qty Same as Qty Vide Item No.1				1						87.21
Qty Same as Qty Vide Item No.2 (60mm thick)										64.10
Qty Same as Qty Vide Item No.3										438.09
			Cum		Total Executed Qty					589.40
			Cum		Qty to be Paid					589.40

Assistant Engineer
Ward No.013
BBMP, Bangalore

Assistant Executive Engineer
Shettyhalli Subdivision
BBMP, Bangalore

Scope Of Work: Improvements to Roads at 5th, 6th, 8th, 12th Cross, Shivananda Store Road, Maheshwara Temple and Surrounding Area in Ward No.13, Shettyhalli SubDivision.

Work Order No: EE/DD/W.O/107/2020-21, Dated:- 18-09-2020.

Agency name:- Sri. M. D. Gnanendra Murthy.

Measurement Recorded On:-

Assistant Engineer
Ward No.013
BBMP, Bangalore

BBMP, Bangalore ನವವಿಭಾಗ
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